

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-290051

(43)Date of publication of application : 05.11.1996

(51)Int.Cl. B01J 13/00
C08B 37/00

(21)Application number : 07-096635

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(22)Date of filing : 21.04.1995

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(54) HYDROUS GEL BASE AGENT

(57)Abstract:

PURPOSE: To obtain a stable hydrous gel base agent hard to generate collapse in shape even in a weak acidic region by adding locust bean gum to glucomannan to adapt the same to the water retention and cold reservation of an object.

CONSTITUTION: A hydrous gel base agent contains glucomannan and locust bean gum as effective components. At this time, locust bean gum functions as a water separation preventing agent and makes the collapse in shape of glucomannan hard to generate even in a weak acidic region to stably keep glucomannan. When the content of locust bean gum is below about 0.1wt.%, the keeping of shape retention is hardly developed and, when the content of locust bean gum exceeds about 5.0wt.%, the hydrous gel base agent becomes too hard and does not become a gel state. The hydrous gel base agent may contain carrageenan. The content of carrageenan and the property of an addition product are the same as those of locust bean gum.